



C A R L S O N
ENVIRONMENTAL, INC.

PN: 9566
Date: 09/18/98

FAX MESSAGE

To: John O'Grady	Fax No: (312) 886-4071
To: _____	Fax No: _____
To: _____	Fax No: _____
To: _____	Fax No: _____

From: Margaret Karolyi Direct Line: (312) 704-8843

Total number of pages transmitted, including this page: 3

RE: Fansteel

Please refer to enclosed.

EPA Region 5 Records Ctr.
229883

A copy will be sent via

☒ A copy will not be sent

- ☐ US Mail
☐ overnight mail
☐ messenger



C A R L S O N
ENVIRONMENTAL, INC.

September 18, 1998

PN 9566B

Mr. John J. O'Grady
USEPA - Region 5
Superfund Division
77 West Jackson
Chicago, Illinois 60604

**RE: July 20, 1998 Comment Letter
Fansteel - North Chicago, Illinois**

Dear Mr. O'Grady:

On behalf of Fansteel, Inc., Carlson Environmental, Inc. (CEI) is revising the Site Investigation Work Plan to address the comments in your July 20, 1998 letter. CEI is requesting clarification of the comments listed on the attached sheet.

Please feel free to contact me at (312) 704-8843 to discuss the comments, or, if you prefer, please fax your responses to me at (312) 346-6956. Thank you for your assistance with this project.

Sincerely,

CARLSON ENVIRONMENTAL, INC.

Margaret M. Karolyi, P.E.
Project Manager

attachment



C A R L S O N
ENVIRONMENTAL INC.

Comments from July 20, 1998 U.S. EPA letter for which CEI needs clarification:

Comment #3 - This comment seems to be addressing the need to analyze the creek and ditch sediment samples for PAHs. Yet the comment also states "all soil and sediment samples should be analyzed for PAH compounds..." Should CEI interpret this comment as a requirement to analyze samples from the boring locations (on Fansteel's property) for PAHs?

Comment #18 - CEI typically divides the soil core retrieved from the 48-inch Geoprobe sampling sleeve into two separate samples, each representative of a 24-inch sample interval. It is unclear to CEI if this comment indicates a requirement to:

- (1) ensure the first sample interval includes 0-12 inches (i.e., 0-24 inches would be the first interval according to CEI's proposed sampling);
- (2) collect a discrete sample from 0-12 inches;
- (3) divide each 48-inch soil core into four samples; or
- (4) use a 12-inch Geoprobe sampling sleeve (typically, CEI uses either a 24-inch or 48-inch sleeve).

Comment #64 - CEI does not understand what is meant by "reaction procedures."

Comment #92 - CEI does not understand to what "self-audit site inspection and abatement tracking programs" pertain. CEI reviewed the EPA ERT's Health and Safety Planner guidance document (Version 3.0/4.0 from 1993) and did not come across a reference to these programs. Are these defined terms and are there any guidance document CEI can reference?